DEC 2 3 2003 32 32

(Form updated to reflect FY 2004 fees eff									
TRANSMITTAL			Complete if Known						
THE I HANSWILLIAL		Application Number			er 10/004,832-Conf. #8309				
for FY 2004		Filing Date			December 7, 2001				
		First Named Inventor			ntor Ewen F. Kirkness				
Effective 10/01/2003, Patent fees are subject to annual revision.		Examiner Name			E. Kemmerer				
Applicant claims small entity status. See 37 CFR 1.27			nit		1646				
TOTAL AMOUNT OF PAYMENT (\$) 316.00		Attomey Docket No.			o. PF105P1D2				
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATION (continued)				
Check Credit Money Order Other None X Deposit Account: Deposit	Larg	ADDITIO	Smal	l Entity	Ewen F. Kirkness E. Kemmerer 1646 D. PF105P1D2 CALCULATION (continued)				
Account Number 08-3425	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description Fee Paid				
Deposit Account Human Genome Sciences, Inc.	1051	130	2051	65	Surcharge – late filing fee or oath				
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.				
X Charge fee(s) indicated below X Credit any overpayments		130	1053	130	Non-English specification				
X Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a request for ex parte reexamination				
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action				
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month				
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month				
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month				
Fee Fee Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month				
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month				
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal				
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal				
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive - unavoidable				
(,) (+)	1453	1,330	2453	665	Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)				
Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design issue fee				
Total Claims 50 -42** = 8 x 18.00 = 144.00	1503	640	2503	320	Plant issue fee				
Independent 5 -3** = 2 x 86.00 = 172.00	1460	130	1460	130	Petitions to the Commissioner				
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt				
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per				
Code (\$) Code (\$)					property (times number of properties) Filing a submission after final rejection				
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	(37 ČFR 1.129(a))				
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))				
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	Request for Continued Examination (RCE)				
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited examination of a design application				
and over original patent	Other fee (specify)								
SUBTOTAL (2) (\$) 316.00	*Red	educed by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00							
**or number previously paid, if greater, For Reissues, see above									
					(Complete (if applicable))				
<i>Name (Print/Type)</i> Mark J. Hyman	Regist	tration No	46	,789	Telephone (240) 314-1224				

SUBMITTED BY	(Complete	(Complete (if applicable))		
Name (Print/Type) Mark J. Hyman	Registration No. (Attorney/Agent) 46,789	Telephone	(240) 314-1224	
Signature MI		Date	December 23, 2003	